

CLAIMS

1. A product comprising separate first and second compartments, the first compartment containing a first component of a composition in a stable environment, the second
5 compartment containing a second component of the composition in a stable environment, wherein one of the components comprises a catalyst for a reaction between the first and second components, wherein, in use, the said two components are combined together to form said composition, and wherein the temperature of said composition is elevated when compared to the temperature of the components prior to said combination.
- 10 2. A product as claimed in claim 1 wherein the composition is a cleaning composition.
3. A product as claimed in either of claims 1 and 2 wherein the temperature of the said composition formed is elevated by at least 5°C when compared to the temperature of the
15 components prior to said combination.
4. A product as claimed in claim 3 wherein said temperature elevation is at least 20°C.
5. A product as claimed in claim 3 wherein said temperature elevation is at least 30°C.
- 20 6. A product as claimed in any preceding claim wherein both of said components are liquid.
7. A product as claimed in any preceding claim wherein one of the said first and second
25 components comprises an oxidising agent, whilst the other of the said first and second components comprises a reducing agent.
8. A product as claimed in claim 7 wherein said oxidising agent is a peroxide.

9. A product as claimed in either of claims 7 and 8 wherein said oxidising agent is hydrogen peroxide.
- 5 10. A product as claimed in any of claims 7 to 9 wherein said oxidising agent is present in the range of 4 to 7 wt% of the component.
11. A product as claimed in any of claims 7 to 10 wherein said reducing agent is a thiosulfate.
- 10 12. A product as claimed in any of claims 7 to 11 wherein said reducing agent is sodium thiosulfate.
13. A product as claimed in any of claims 7 to 12 wherein said reducing agent is present in the range of 4 to 7 wt% of the component.
- 15 14. A product as claimed in any of claims 7 to 13 wherein the catalyst is in the component comprising the reducing agent and the catalyst is capable of catalysing the redox reaction between the reducing agent and the oxidising agent in the other compartment of the product.
- 20 15. A product as claimed in any one of claims 7 to 14 wherein the catalyst is a tungstate compound.
- 25 16. A product as claimed in claim 15 wherein the tungstate compound is sodium tungstate, preferably sodium tungstate dihydrate.
17. A product as claimed in any of claims 14 to 16 wherein the catalyst is present in the range 0.01 to 0.5 wt% of the component comprising the reducing agent.

18. A product as claimed in any preceding claim wherein at least one component further comprises at least one surfactant and/or emulsification aid, preferably in the component comprising a reducing agent.

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19. A product as claimed in claim 18 wherein said at least one surfactant and/or emulsification aid is present in the range 0.5 to 2.5 wt%, preferably 0.6 to 2.1 wt% of the component comprising a reducing agent.

10 20. A product as claimed in any preceding claim wherein at least one component comprises a base.

21. A product as claimed in claim 20 wherein said base is present in the component comprising a reducing agent.

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22. A product as claimed in claim 21 wherein said base is present in the range 3 to 10 wt%.

23. A method for cleaning a surface comprising the steps of :

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i) effecting the combination of the first and second components of the product of any preceding claim on the surface to be cleaned to form the composition of any preceding claim wherein the temperature of the composition is elevated when compared to the temperature of the components prior to the combination,

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ii) cleaning of the surface with the composition by wiping, rubbing or allowing the composition to remain in contact with the surface for a length of time, and

iii) substantially removing the composition from the surface.